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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/126,945

DATE: 08/14/98  
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Input Set: I126945.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

ENTERED

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1  <110> APPLICANT: Libermann, Towia A.
2      Oettgen, Joerg P.
3      Kunsch, Chuck
4      Endress, Gregory A.
5      Rosen, Craig A.
6  <120> TITLE OF INVENTION: Prostate Derived Ets Factor
7  <130> FILE REFERENCE: 1488.1090000
8  <140> CURRENT APPLICATION NUMBER: US/09/126,945
9  <141> CURRENT FILING DATE: 1998-07-31
10 <160> NUMBER OF SEQ ID NOS: 15
11 <170> SOFTWARE: PatentIn Ver. 2.0
12 <210> SEQ ID NO 1
13 <211> LENGTH: 1894
14 <212> TYPE: DNA
15 <213> ORGANISM: Homo sapiens
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19      ccagcaggca gccctgggct gggggtaggg gactccctac aggcacgcag ccctgagacc 180
20      tcagagggcc accccttgag ggtggccagg ccccagtggt ccaacctgag tgctgcctct 240
21      gccaccagcc ctgctggccc ctggttcgcg tggcccccca gatgcctggc tgagacacgc 300
22      cagtggcctc agctgcccac acctcttccc ggcccctgaa gttggcactg cagcagacag 360
23      ctccctgggc accaggcagc taacagacac agccgccagc ccaaacagca gcggcatggg 420
24      cagcgccagc ccgggtctga gcagcgtatc cccagccac ctctgctgc ccccgcacac 480
25      ggtgtcgcg acaggcttg agaaggcggc agcgggggca gtgggtctcg agagacggga 540
26      ctggagtccc agtcaccccg ccacgcccga gcagggcctg tccgccttct acctctccta 600
27      ctttgacatg ctgtaccctg aggacagcag ctgggcagcc aaggcccctg gggccagcag 660
28      tcgggaggag ccacctgagg agcctgagca gtgcccgtc attgacagcc aagccccagc 720
29      gggcagcctg gacttggtgc ccggcgggct gaccttgag gagcactcgc tggagcaggt 780
30      gcagtccatg gtggtgggcg aagtgtcaa ggacatcgag acggcctgca agctgtctaa 840
31      catcaccgca gatcccatgg actggagccc cagcaatgtg cagaagtggc tcctgtggac 900
32      agagcaccaa taccggctgc ccccatggg caaggccttc caggagctgg cgggcaagga 960
33      gctgtgcgcc atgtcggagg agcagttccg ccagcgctcg cccctgggtg gggatgtgct 1020
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35      ggcgattcac tactgtgcct cgaccagtga ggagagctgg accgacagcg aggtggactc 1140
36      atcatgtctc gggcagccca tccacctgtg gcagttcctc aaggagttgc tactcaagcc 1200
37      ccacagctat ggccgcttca ttaggtggct caacaaggag aagggcattc tcaaaattga 1260
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45 caacacctgc ctctgacccc agcatttcca gagcagagcc tacagaaggg cagtgactcg 1740  
46 acaaaggcca caggcagtc aggcctctct ctgtccatc cccctgcctc ccattctgca 1800  
47 ccacacctgg catgggtgcag ggagacatct gcaccctga gttgggcagc caggagtgcc 1860  
48 cccgggaatg gataataaag atactagaga actg 1894

49 &lt;210&gt; SEQ ID NO 2

50 &lt;211&gt; LENGTH: 335

51 &lt;212&gt; TYPE: PRT

52 &lt;213&gt; ORGANISM: Homo sapiens

53 &lt;400&gt; SEQUENCE: 2

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55 1 5 10 15  
56 Leu Leu Pro Pro Asp Thr Val Ser Arg Thr Gly Leu Glu Lys Ala Ala  
57 20 25 30  
58 Ala Gly Ala Val Gly Leu Glu Arg Arg Asp Trp Ser Pro Ser Pro Pro  
59 35 40 45  
60 Ala Thr Pro Glu Gln Gly Leu Ser Ala Phe Tyr Leu Ser Tyr Phe Asp  
61 50 55 60  
62 Met Leu Tyr Pro Glu Asp Ser Ser Trp Ala Ala Lys Ala Pro Gly Ala  
63 65 70 75 80  
64 Ser Ser Arg Glu Glu Pro Pro Glu Glu Pro Glu Gln Cys Pro Val Ile  
65 85 90 95  
66 Asp Ser Gln Ala Pro Ala Gly Ser Leu Asp Leu Val Pro Gly Gly Leu  
67 100 105 110  
68 Thr Leu Glu Glu His Ser Leu Glu Gln Val Gln Ser Met Val Val Gly  
69 115 120 125  
70 Glu Val Leu Lys Asp Ile Glu Thr Ala Cys Lys Leu Leu Asn Ile Thr  
71 130 135 140  
72 Ala Asp Pro Met Asp Trp Ser Pro Ser Asn Val Gln Lys Trp Leu Leu  
73 145 150 155 160  
74 Trp Thr Glu His Gln Tyr Arg Leu Pro Pro Met Gly Lys Ala Phe Gln  
75 165 170 175  
76 Glu Leu Ala Gly Lys Glu Leu Cys Ala Met Ser Glu Glu Gln Phe Arg  
77 180 185 190  
78 Gln Arg Ser Pro Leu Gly Gly Asp Val Leu His Ala His Leu Asp Ile  
79 195 200 205  
80 Trp Lys Ser Ala Ala Trp Met Lys Glu Arg Thr Ser Pro Gly Ala Ile  
81 210 215 220  
82 His Tyr Cys Ala Ser Thr Ser Glu Glu Ser Trp Thr Asp Ser Glu Val  
83 225 230 235 240  
84 Asp Ser Ser Cys Ser Gly Gln Pro Ile His Leu Trp Gln Phe Leu Lys  
85 245 250 255  
86 Glu Leu Leu Leu Lys Pro His Ser Tyr Gly Arg Phe Ile Arg Trp Leu  
87 260 265 270  
88 Asn Lys Glu Lys Gly Ile Phe Lys Ile Glu Asp Ser Ala Gln Val Ala  
89 275 280 285  
90 Arg Leu Trp Gly Ile Arg Lys Asn Arg Pro Ala Met Asn Tyr Asp Lys  
91 290 295 300  
92 Leu Ser Arg Ser Ile Arg Gln Tyr Tyr Lys Lys Gly Ile Ile Arg Lys  
93 305 310 315 320  
94 Pro Asp Ile Ser Gln Arg Leu Val Tyr Gln Phe Val His Pro Ile

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97 <211> LENGTH: 113
98 <212> TYPE: PRT
99 <213> ORGANISM: Homo sapiens
100 <400> SEQUENCE: 3
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103   Arg Thr Gly Gly Gly Gly Ser His Ile His Leu Trp Gln Phe Leu Lys
104               20               25               30
105   Glu Leu Leu Ala Ser Pro Gln Val Asn Gly Thr Ala Ile Arg Trp Ile
106               35               40               45
107   Asp Arg Ser Lys Gly Ile Phe Lys Ile Glu Asp Ser Val Arg Val Ala
108               50               55               60
109   Lys Leu Trp Gly Arg Arg Lys Asn Arg Pro Ala Met Asn Tyr Asp Lys
110               65               70               75               80
111   Leu Ser Arg Ser Ile Arg Gln Tyr Tyr Lys Lys Gly Ile Met Lys Lys
112               85               90               95
113   Thr Glu Arg Ser Gln Arg Leu Val Tyr Gln Phe Cys His Pro Tyr Ser
114               100              105              110
115   Gln
116 <210> SEQ ID NO 4
117 <211> LENGTH: 733
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
120 <400> SEQUENCE: 4
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122   aattcgaggg tgcaccgtca gtcttcctct tcccccaaaa acccaaggac accctcatga 120
123   tctcccgga ccttgaggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180
124   tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
125   aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
126   ggctgaatgg caaggagtac aagtgcaagg tctccaacaa agccctccca acccccatcg 360
127   agaaaaccat ctcaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
128   catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctgggtc aaaggcttct 480
129   atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagAAC aactacaaga 540
130   ccacgcctcc cgtgctggac tccgacggct cttcttcct ctacagcaag ctacacgtgg 600
131   acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggtctctg 660
132   acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720
133   gactctagag gat 733
134 <210> SEQ ID NO 5
135 <211> LENGTH: 5
136 <212> TYPE: PRT
137 <213> ORGANISM: Homo sapiens
138 <220> FEATURE:
139 <221> NAME/KEY: UNSURE
140 <222> LOCATION: (3)
141 <223> OTHER INFORMATION: May be any amino acid
142 <400> SEQUENCE: 5
143   Trp Ser Xaa Trp Ser
144       1               5

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W--&gt; 143

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148 <213> ORGANISM: Artificial Sequence  
149 <220> FEATURE:  
150 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA primer  
151 <400> SEQUENCE: 6  
152 ggcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60  
153 cccgaaatat ctgccatctc aattag 86  
154 <210> SEQ ID NO 7  
155 <211> LENGTH: 27  
156 <212> TYPE: DNA  
157 <213> ORGANISM: Artificial Sequence  
158 <220> FEATURE:  
159 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA primer  
160 <400> SEQUENCE: 7  
161 gcggcaagct ttttgcaaag cctaggc 27  
162 <210> SEQ ID NO 8  
163 <211> LENGTH: 271  
164 <212> TYPE: DNA  
165 <213> ORGANISM: Artificial Sequence  
166 <220> FEATURE:  
167 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR fragment  
168 <400> SEQUENCE: 8  
169 ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg 60  
170 aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 120  
171 gccctaact ccgccagtt ccgccattc tccgccccat ggctgactaa ttttttttat 180  
172 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggcct 240  
173 ttttgagggc ctaggctttt gcaaaaagct t 271  
174 <210> SEQ ID NO 9  
175 <211> LENGTH: 32  
176 <212> TYPE: DNA  
177 <213> ORGANISM: Homo sapiens  
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181 <211> LENGTH: 31  
182 <212> TYPE: DNA  
183 <213> ORGANISM: Homo sapiens  
184 <400> SEQUENCE: 10  
185 gcgaagcttc gcgactcccc ggatccgcct c 31  
186 <210> SEQ ID NO 11  
187 <211> LENGTH: 12  
188 <212> TYPE: DNA  
189 <213> ORGANISM: Artificial Sequence  
190 <220> FEATURE:  
191 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA primer  
192 <400> SEQUENCE: 11  
193 ggggactttc cc 12  
194 <210> SEQ ID NO 12

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195 <211> LENGTH: 73  
196 <212> TYPE: DNA  
197 <213> ORGANISM: Artificial Sequence  
198 <220> FEATURE:  
199 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA Primer  
200 <400> SEQUENCE: 12  
201 gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg 60  
202 ccatctcaat tag 73  
203 <210> SEQ ID NO 13  
204 <211> LENGTH: 256  
205 <212> TYPE: DNA  
206 <213> ORGANISM: Artificial Sequence  
207 <220> FEATURE:  
208 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR fragment  
209 <400> SEQUENCE: 13  
210 ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct 60  
211 caattagtca gcaaccatag tcccgcctt aactccgccc atcccgcctt taactccgcc 120  
212 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga 180  
213 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg 240  
214 cttttgcaaa aagctt 256  
215 <210> SEQ ID NO 14  
216 <211> LENGTH: 20  
217 <212> TYPE: DNA  
218 <213> ORGANISM: Artificial Sequence  
219 <220> FEATURE:  
220 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA Primer  
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222 caaagttgtc atggatgacc 20  
223 <210> SEQ ID NO 15  
224 <211> LENGTH: 18  
225 <212> TYPE: DNA  
226 <213> ORGANISM: Artificial Sequence  
227 <220> FEATURE:  
228 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA Primer  
229 <400> SEQUENCE: 15  
230 ccatggagaa ggctgggg 18

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Line ? Error/Warning

Original Text

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143 W "N" or "Xaa" used: Feature required

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Trp Ser Xaa Trp Ser